

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference TIP 051 PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below	
International application No. PCT/EP2004/052382	International filing date (day/month/year) 30/09/2004	(Earliest) Priority Date (day/month/year) 30/09/2003
Applicant TIBOTEC PHARMACEUTICALS LTD.		
<p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of . . . 3 . . . sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>		
<p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b))</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box III).</p> <p>4. With regard to the title,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p>		
<p>5. With regard to the abstract,</p> <p><input type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input checked="" type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. _____</p> <p><input type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p>		

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2004/052382

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention relates to methods for the preparation of benzoxazole sulfonamide compounds of formula (9) as well as novel intermediates of formula(6) for use in said method. More in particular the invention relates to methods for the Preparation of 2-amino-benzoxazole sulfonamide compounds which make use of 2-mercaptop-benzoxazole sulfonamide intermediates, more in particular methods employing the intermediate 1-Benzyl-2-hydroxy-3'-isobutyl-(2-methylsulfanyl-benzoxazole-6-sulfonyl)-aminol-propyl)-carbamic ester, and to methods amenable to industrial scaling up. Said benzoxazole sulfonamide compounds are particularly useful as HIV protease inhibitors.

The substituents are defined in the claims.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052382A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D263/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (Classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data bases consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/092595 A (TIBOTEC PHARMA (IE)) 21 November 2002 (2002-11-21) cited in the application * scheme A, page 18 *	1-20
A	WO 01/77092 A (SAMSUNG (KR)) 18 October 2001 (2001-10-18) * process 2, page 14 *	1-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *T* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document containing disclosures which, if combined with the document at issue, would involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

10 December 2004

Date of mailing of the international search report

22/12/2004

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Cortés, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052382

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02092595	A	21-11-2002	BR 0209594 A CA 2444895 A1 CZ 20033290 A3 EE 200300547 A WO 02092595 A1 EP 1387842 A1 HU 0400438 A2 SK 14902003 A3 US 2004106661 A1	30-03-2004 21-11-2002 12-05-2004 16-02-2004 21-11-2002 11-02-2004 30-08-2004 07-07-2004 03-06-2004
WO 0177092	A	18-10-2001	KR 2001099525 A KR 2001099526 A KR 2001090922 A AU 4888401 A CA 2372352 A1 CN 1366524 T EP 1208092 A1 JP 2003530389 T WO 0177092 A1 US 2002169314 A1	09-11-2001 09-11-2001 22-10-2001 23-10-2001 18-10-2001 28-08-2002 29-05-2002 14-10-2003 18-10-2001 14-11-2002